

1 What is claimed is:

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1. A drum type washing machine comprising:  
a tub provided in a cabinet to hold water;  
a drum rotatably installed in the tub;  
at least one or more ceramics; and  
at least one or more ceramic receivers provided on an inside of the drum to hold the ceramic therein.

2. The drum type washing machine as claimed in claim 1, wherein the ceramic receivers protrude along a circumferential direction of the drum in an axial direction of the drum to leave a predetermined distance from each other.

3. The drum type washing machine as claimed in claim 2, wherein the ceramic receiver is semi-circular, a curved portion of the ceramic receiver protrudes toward a rotational center of the drum, and a flat portion of the ceramic receiver adheres closely to the inside of the drum.

4. The drum type washing machine as claimed in claim 2, wherein a housing of the ceramic receiver is formed long in the axial direction of the drum.

5. The drum type washing machine as claimed in claim 1, the ceramic receiver comprising:

a housing having one open side confronting the drum to enable to receive the

ceramics and a multitude of holes at a circumference; and

a cover covering a topside of the housing.

6. The drum type washing machine as claimed in claim 5, wherein the housing protrudes in an axial direction of the drum and is provided plurally along a circumferential direction of the drum to leave a predetermined interval from each other.

7. The drum type washing machine as claimed in claim 5, wherein the housing is semi-circular, a curved portion of the housing protrudes toward a rotational center of the drum, and a flat portion of the housing is open to be covered by the cover and to adhere closely to the inside of the drum.

8. The drum type washing machine as claimed in claim 5, wherein a plurality of coupling holes are formed at the inside of the drum and a plurality of hooks protrude from a side of the housing to be fitted to the coupling holes, respectively.

9. The drum type washing machine as claimed in claim 8, wherein the hooks are built in one body of the housing.

10. The drum type washing machine as claimed in claim 5, wherein a guide groove is formed at a rim of the open side of the housing along an axial direction of the drum and the cover is inserted in the guide groove to be fixed thereto.

11. The drum type washing machine as claimed in claim 10, the cover is built in

one body of the drum.

12. The drum type washing machine as claimed in claim t, wherein a plurality of reinforcement ribs protrude from the cover toward the inside of the drum.

13. The drum type washing machine as claimed in claim 1, wherein the ceramic includes silicon oxide.

14. The drum type washing machine as claimed in claim 1, wherein the ceramic includes aluminium oxide.

15. The drum type washing machine as claimed in claim 1, wherein the ceramic is a sintered body including silicon oxide and aluminium oxide.

16. The drum type washing machine as claimed in claim 1, wherein the ceramics are provided as a plurality of ball type ceramics differing in size from each other.

17. The drum type washing machine as claimed in claim 1, wherein an inside of the ceramic is formed of an elastic material and an outside of the ceramic is coated with a sintered body including silicon oxide and aluminium oxide.